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- (a) A method for reducing power consumed by a computer.
- A low power management system monitors software application programs for keyboard activity so as to turn off the microprocessor in the computer in response to a loop (10,16) looking for a keypress and certain other loops which can be monitored without use of the microprocessor.

A low power management system including both hardware (Figure 2) and software (Figure 5) is provided for a battery powered portable computer (not shown). The low power management system powers down various sections (10.12,16.21,24) of the com-

puter (DMA, VCO, DISPLAY, UART) when they are not used. The low power management system is controlled by a control program directing the microprocessor (40) (Figure 2) of the computer, and includes the capability to turn off clock signals (not snown) to the various sections of the computer based upon demand. Also included is the capability to turn on clock signals based upon demand. The low power management system also includes the capability to turn on the computer upon a press of a key on the computer keyboard.

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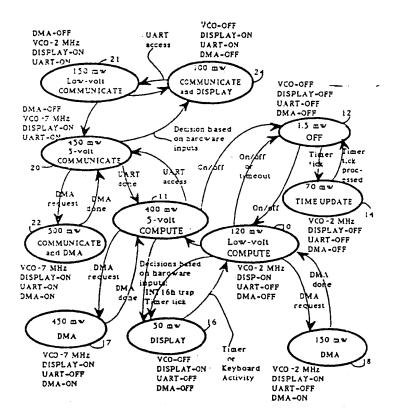


Figure 1

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## **EUROPEAN SEARCH REPORT**

Application Number

EP 95 11 0662

	Citation of document with indicati	on where appropriate	Relevant	CLASSIFICATION OF THE
ategory	of relevant passages		to claim	APPLICATION (Int.CL5)
<b>f</b>	EP-A-0 303 020 (SHARP February 1989 * column 2, line 18 -		13,16,18	G06F1/32 G06F1/08
Y	PATENT ABSTRACTS OF JAI vol. 008 no. 008 (E-22) & JP-A-58 171842 (MATS KK) 8 October 1983, * abstract *	l) ,13 January 1984	13,16,18	
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	THE HAGUE	26 September 1995	Q <sub>2</sub> ;	las, A
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